

KOLESNIKOV, U.S.

FILE I BOOK INFORMATION

SERV/003

Andreev, V. N. *Friction and Wear in Machinery*

Volume 1 (1965) and 2 (1966) (Russian translation of German, 1960). 355 p. Printed also in English. 3,000 copies printed.

Burn, M. M. *Machinery Doctor of Technical Sciences*. Professor M. M. Poliakov, Moscow, 1961. 2 vols. "Doctor of Technical Sciences" Professor L. E. Dzhobava, Tbilisi, 1961. One vol. "Doctor of Technical Sciences" Professor L. E. Dzhobava, Director of Technical Sciences Professor L. V. Pashaladze, Doctor of Technical Sciences in Technical Sciences Professor L. D. Kurnitskaya, Institute of Technical Sciences in Technical Sciences Professor L. V. Pashaladze, Candidate of Technical Sciences and N. N. Kurnitskaya, Doctor of Technical Sciences, Professor.

PURPOSE: The book is intended for scientific research workers and designers in the machine industry.

CONTENTS: The present work of Soviet scientists on the subject of friction and wear in machinery are presented. Problems discussed include abrasive wear, the mechanical properties of various materials, wear resistance and anti-friction properties of new bearing and brass materials, the effect of heat, jets of gases on various materials or their structure and movements of journals in bearings. Bibliographies and tables and bibliographies of the works of Yu. N. Dubovikov, V. P. Lomakin, and L. V. Sotin are presented. Bibliographies on friction wear and lubrication are also presented.

LITERATURE: V. P. Lomakin [Bibliography] [Investigation of Wear Resistance of Some Materials as Applied to the Use [Investigation] of Lubricating Oils].

65

SUMMARY: Investigation of the Wear of Constructed Parts caused by Lubricated Friction Motion

Kolesnikov, V. I. and V. A. Saltykov—Investigation of Lubrication

Properties of Some Lubricants and Oils

100

Kolesnikov, V. I. Changes in Structure and Composition of Various Lubricants under the Action of a High-Temperature Jet of Oxygen and Carbon Dioxide

117

Smith, J. H. and R. J. Wetherich—Resistance of Synthetic Steels to Oxidative Heating During Friction Wear Induction

125

Sokolov, V. V. Friction and Wear in Friction-Gear Drives with Rolling Elements

132

Yushkevich, V. V. Investigation of Galling of Steel during Service on Railways

139

Zhukov, N. N. Method of Determining Internal Stresses in Metal

146

Rozhdestvensky, S. G. On the Determination of the Geometry of Motion of the Center of a Journal in a Bearing During Friction by Determining Forces

157

Dorofeevsky, N. N. On Oscillatory Movements of a Journal in a Bearing

167

KOLESNIKOVA, V.S.

128-58-6-14/17

AUTHORS: Demidova, A.A., Petrova, E.V., and Kolesnikova, V.S. Engineers

TITLE: Conference on the Crystallization of Metals (Soveshchaniye po kristallizatsii metallov)

PERIODICAL: Liteynoye Proizvodstvo, Nr 6, pp 30-31 (USSR), 1959

ABSTRACT: The conference on the problem of crystallization of metals and alloys, convened 28-31 Jan 1958 at the Institut Mashinovedeniya AN SSSR (Institute of Mechanical Engineering AS USSR), was the 4th and final conference on the general problem of the theory of foundry processes. About 400 delegates of scientific research institutes, industry, higher technical schools, and other organizations of 26 towns participated. Professor Chikl' of the German Democratic Republic and Professor N.I. Khvorinov of Czechoslovakia were present. Academician V.I. Dikushin opened the session and outlined the present state of theoretical knowledge and the tasks of the conference. The conference heard the following reports: B.B. Gulyayev, "The Modern State and the Tasks of the Study of Metal Crystallization"; N.N. Sirota, "The Mechanism of the Crystallization Process"; K.P. Bunin and Yu.N. Taran, "Eutetic Crystallization of Grey Cast Iron"; D.S. Kame-

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Conference on the Crystallization of Metals

netskaya, B.Ya. Lyubov, K.M. Malkin, and G.P. Ivantsov, on the existing theories of the origin and growth of crystals; B.Ya. Lyubov, "Calculation of the Rate of Solidification of Metal in Large Volumes"; V.M. Novitskiy, A.V. Mikul'chik, and V.V. Blinov, "Influence of Inner Crystallizers on the Structure and Quality of Steel Ingots"; N.I. Khvorinov, "On Crystallization of Steel"; V.I. Lapitskiy, N.I. Stupar', K.P. Rudichev, V.L. Oleksenko and A.I. Marinov, "Some Ways of Decreasing the Heterogeneity of Large Rimming Steel Ingots up to 20 tons (the use of bottle-shaped ingot molds with spherical covers was recommended); I.L. Mirkin, "Theory of the Crystallization of Solid Phases in Complex Alloys; A.G. Spasskiy, "The Basic Factors Influencing the Structure of Ingots" (results of own studies on non-ferrous alloys); M.V. Mal'tsev, on ways of improving the structure and quality of cast metal by modification; O.N. Magnitskiy, A.A. Demidova and B.B. Guliyayev, "The Effect of the Alloy Composition on the Conditions of Crystallization and the Properties of Castings"; Ya.V. Grechnyy, on the origin and growth of crystals in two-metal alloys; V.Ye. Neymark, on the effect of modifiers (magnesium,

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cerium, circonium, titanium, boron) on the deformation of the crust and the rate of solidification of carbon-iron and non-ferrous alloy ingots; D.S. Kamenetskaya, E.P. Rakhmanova, and Ye.Z. Spektor, on the effect of active non-soluble particles, and the small quantity of surface-active components accounting for the absence of undercooling during the crystallization of alloys under actual conditions; I.I. Goryunov, on the results of investigation of the effect of modifications on the structure and physico-mechanical properties of high-alloyed steel; V.G. Gruzin, P.I. Yamshanov and N.P. Neverovskaya, on the problems of the formation of the primary structure of structural steel, and the effect of the pouring temperature; L. I. Morozenskiy and O.D. Zigel', "The Effect of the Movement of Metal in the Liquid Core on the Crystallization of Steel Ingots and Castings"; A.P. Pronov, "The Crystallization of a Continuous Ingot and Its Effect on the Properties of Liquid Steel"; G.P. Ivantsov, "Thermic Stresses and Deformations in the Crust on a Crystallizing Ingots"; I.N. Guglin, A.A. Novikova, and B.B. Gulyayev, "Crystallization and Mechanical Properties of Steel at High Temperatures"; T.A. Shapranov and E.V. Petrova, "Investigation of the Crystallization of Cast Iron Treated by Magnesium"; B.S. Mil'man, on the increased surface tension, decreased content of

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128-58-6-14/17

gases in metal, and increased undercooling degree being the necessary conditions for the formation of nodular graphite in cast iron; G.F. Balandin, "Crystallization of Cast Iron", with an attempt at mathematical interpretation of the theory of the formation of the structure of castings; I.I. Khoroshev and I.Ye. Lev, on the mechanism of the origin of the centers of crystallization of graphite in white cast iron castings, and the influence of the crystallization rate on the distribution of alloying elements between the phases; Ya.N. Malinochka and A.A. Zhukov, on the intercrystalline segregation of silicon, and its effect on the structure-formation of cast iron; E.Ya. Khrapkovskiy, on the primary crystallization and properties of quasi-eutectical grey cast iron; Professor Chikl' illustrated the theory of graphite crystallization in cast iron by the results of metallographic studies; F.F. Khimushin, on new heat-resistant steels and on the effect of crystallization conditions on their properties; F.V. Aksenov, P.F. Lashko and E.Ya. Rodina, on the peculiarities of the structure-formation during the solidification of heat-resistant steels while casting with cast models; I.V. Sally, on the laws of the crystallization of binary iron-carbon and non-ferrous alloys at strong undercooling (Lead, containing super-saturated carbon, and iron and bismuth solutions,

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Conference on the Crystallization of Metals

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has been fixed at very high rate of cooling from the liquid state); A.M. Yuferev, on the process of re-crystallization; N.N. Belousov and A.A. Dodonov, "Study of the Crystallization and Properties of Non-Ferrous Alloys Under Applied Pressure"; Ye.D. Zakharov, on the dependance of mechanical properties of ingots on the shape of the alveole during continuous casting of aluminum alloys; N.L. Pokrovskiy and D.Ye. Ovsyienko, on the peculiarities of the crystallization of non-ferrous alloys and the physico-chemical phenomena accompanying it; I.F. Klobnev and A.Ye. Semenova, on the effect of crystallization conditions on the foundry properties and mechanical properties of heat-resistant aluminum alloys at normal and high temperatures; N.N. Sirota, Ye.A. Lekhtblau and Z.M. Stolyarenko, "Crystallization of Metals and Alloys in Ultra-Sonic Field"; I.I. Teumin, "The Influence of Elastic Oscillations on the Processes of Crystallization and the Technologic Properties of Alloys; L.L. Silin and A.A. Yerokhin, "The Effect of Ultra-Sound on the Crystallizing Metal in the Welding Puddle"; B.A. Movchan, "Study of the Peculiarities of the Microscopic Chemical Heterogeneity in Alloys"; G.L. Petrov, "The Crystallization and Chemical Heterogeneity of Welded Seams"; M.Kh. Sharshorov and V.S. Sedykh, "The Effect of Non-Uniform Crystalliza-

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Conference on the Crystallization of Metals

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tion of the Welding Puddle on the Formation of Hot Cracks"; M.V. Simonenko, N.N. Belousov and V.S. Kolesnikova, on the results of a study of the structure of copper alloys obtained by a new galvano-diffusion method (crystallization in the process of diffusion of zinc in gaseous state into solid copper); N.I. Varich, on the results of X-ray analysis of the parameters of aluminum alloys crystallized under low and high piston pressures. The conference cited lack of coordination of research work on crystallization, and very little practical application of the research results by the industry. Basic trends in research on the crystallization of metals were noted. The next conference will convene in 1959.

AVAILABLE:
Card 6/6

Library of Congress

1. Metals-Crystallization 2. Alloys-Crystallization

18.1YY⁰
11.90⁰⁰

35975
S/711/60/014/000/005/013
D262/D301

AUTHORS: Kolesnikova, V.S., and Belousov, N.N.

TITLE: Investigating anti-frictional properties of certain
bronzes and brasses

SOURCE: Akademiya nauk SSSR. Institut mashinovedeniya. Treniye
i iznos v mashinakh, v. 14, 1960, 100 - 170

TEXT: The purpose of the investigations was to compare anti-frictional properties of bronzes and brasses under various conditions of friction, in order to select the most suitable substitutes for high-tin bronzes, and to investigate the effects of crystallization conditions on the anti-frictional properties of copper alloys. Sixteen different cast bronzes and brasses were tested on Amsler's machine and the machine MT-2. The tests were made to investigate the following: 1) The effect of sliding on working abilities of bronzes and brasses in friction; 2) the effect of heating temperature on anti-frictional properties; 3) the effect of hardness of components on wear qualities; 4) the effect of lubrication on wear qualities; X

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Investigating anti-frictional ...

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5) the results of applying antimony-nickel bronzes; 6) the effect of crystallization conditions on anti-frictional properties; 7) the effect of metal structure on wear qualities in friction with lubrication. The results were recorded in form of tables and graphs and the following general conclusions reached: Heating temperature which depends on sliding speed, is the main factor determining the behavior of alloys during friction. Anti-frictional properties are determined by chemical composition and micro-structure, and also depend on conditions of lubrication. The ability of alloys to increase their resistance under plastic deformation and to form oxides on friction surfaces increases their wear qualities. The antimony-nickel bronze 57.CuNi 7-2 (Br.SuN7-2) can be used in place of high-tin bronzes. The structure of bronzes and brasses, determined by crystallization conditions of casting, has a considerable effect on anti-frictional properties. The best anti-frictional properties were obtained for castings made in sand moulds, and for certain alloys made by vacuum suction into a water-cooled crystallizer. There are 23 figures, 14 tables and 12 references: 10 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: F.P. Bowden, J.N. Gregory and D. Tabor, Lubrica-

Card 2/3

Investigating anti-frictional ...

S/711/60/014/00C/005/013
D262/D301

tion of metal surfaces by fatty acids, Nature, 156, no. 3952, 97, 1945; F.P. Bowden and D. Tabor, The friction and lubrication of solids, London, 1950.

Card 3/3

X

BELOUSOV, Nikolay Nikolayevich, kand. tekhn. nauk; KOLESNIKOVA, Vera
Sergeyevna, kand. tekhn. nauk; PROZHOGIN, A.A., starshiy
nauchnyy sotr., red.; FOMICHEV, A.G., red. izd-va; GVIRTS, V.L.,
tekhn. red.

[Saving scarce nonferrous alloys; survey] Ekonomika defitsitnykh
tsvetnykh splavov; pbzor. Leningrad. Pt.1. 1961. 58 p. Pt.2. 1961.
52 p. (MIRA 14:7)

(Nonferrous alloys)

KHRUSHCHOV, M.M.; SEMENOV, A.P.; MATVEYEVSKIY, R.M.; LAZOVSKAYA, O.V.;
BELOUSOV, N.N.; KOLESNIKOVA, V.S.

Investigating lubricated and nonlubricated friction of anti-friction bronzes and brasses. Tren. i isn. v. mash. no.17:36-70 '62.
(MIRA 17:10)

GORDIYENKO, V.V.; DENISOV, A.P.; KOLESNIKOVA, V.V.

Composition and physical properties of manganese apatites from
pegmatites of the natrolite type. Min. i geokhim. no.1:46-56
'64. (MIRA 18:9)

KOLESNIKOVA, Ye.A., meditsinskaya sestra

Errors and the shortcomings in the work of nurses and how they can
be prevented. Med.sestra 15 no.4:11-14 Ap '56. (MLEA 9:7)

1. Institut neyrokhirurgii imeni akademika N.N. Burdenko.
(NURSES AND NURSING)

KOLESNIKOVA, YE.A.

MADANOV, P.V.; MARTYNOV, D.Ya., otvetstvennyy redaktor; MARKOV, M.V., professor, redaktor; SHAFUGULLIN, A.G., professor, redaktor; ARBUZOV, Z.A., akademik, redaktor; DYUKOV, I.A., professor, redaktor; NORDEN, A.P., professor, redaktor; PISAREV, V.I., professor, redaktor; TIKHVINSKAYA, Ye.I., professor, redaktor; ABDRAKHMANOV, M.I., dotsent, redaktor; MOROZOV, D.G., dotsent, redaktor; KHARITONOV, A.P., dotsent, redaktor; KOLOBOV, N.V., redaktor; KOLESNIKOVA, Ye.A., starshiy prepodavatel', redaktor; VINOGRADOV, M.A., professor, redaktor.

[Biological accumulation of manganese in soils of the Volga-Kama forest-steppe and its availability to plants] Biologicheskaya akkumulatsiya manganta v pochvakh Volzhsko-Kamskoi lesostepi i ego dostupnost' sel'skokhoziaistvennym rasteniiam. Kazan', 1953. 202 p. (Kazan. Universitet. Uchenye zapiski, vol.113, no.7) (MIRA 10:3)

1. Rektor universiteta (for Martynov). 2. Prorektor po nauchnoy rabote (for Markov). 3. Prorektor po uchebnoy rabote (for Shafugullin)
4. Sekretar' partbyuro universiteta (for Kolobov).

(Plants, Effect of manganese on)
(Volga Valley--Forest soils)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2

KOLESNIKOVA, Ye.A.

Treatment of trichophytosis. Veterinariia 42 no.12:24-25
D '65. (MIRA 19:1)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2"

Kolesnikova, Ye. A.

MERLIN, V.S.; MARTYNOV, D.Ya., otvetstvennyy redaktor; MARKOV, M.V., professor, redaktor; SHAFUGULLIN, A.G., professor, redaktor; ARBUZOV, B.A., professor, redaktor; DYUKOV, I.A., professor, redaktor; NORDEN, A.G., professor, redaktor; PISAREV, V.I., professor, redaktor; TIKHVINSKAYA, Ye. I., professor, redaktor; ABDRAKHAMANOV, M.I., dotsent, redaktor; MOROZOV, D.G., dotsent, redaktor; KHARITONOV, A.P., dotsent, redaktor; KOLOBOV, N.V., redaktor; KOLESNIKOVA, Ye.A., starshiy prepodavatel', redaktor; ROZHDESTVENSKIY, D.P., dotsent, redaktor.

[Peculiarity of conditioned reactions in the structure of a voluntary act] Svoeobrazie uslovnnykh reaktsii v strukture volevogo akta. Kazan', 1953. 123 p. (Kazan. Universitet. Uchenye zapiski, vol.113, no.3) (MIRA 10:3)

1. Rektor universiteta (for Martynov); 2. Prorektor po nauchnoy rabote (for Markov); 3. Prorektor po uchebnoy rabote (for Shafugullin).
4. Sekretar' partbyuro universiteta (for Kolobov)

(CONDITIONED RESPONSE) (WILL)

KOLESNIKOVA, Ye.A.

NEPRIMEROV, N.N.; SHARAGIN, A.G.; NUZHIN, M.T., prof., otv. red.; MARKOV, M.T., prof., zamestitel' otv. red.; KASHTANOV, S.G., prof., red.; ARBUZOV, B.A., akademik, red.; AL'TSHULER, S.A., prof., red.; LIVANOV, M.A., prof., red.; NORDEN, A.P., prof., red.; PISAREV, V.I., prof., red.; TIKHVINSKAYA, Ye.I., prof., red.; BARYSHNIKOV, V.Q., dots., red.; KOLESNIKOVA, Ye.A., dots., red.; KOLOBOV, N.V., dots., red.; MOROZOV, D.G., dots., red.; KHARITONOV, A.P., dots., red.; YUDIN, I.N., red.; SAMITOV, Yu.Yu., red.

[Investigations of wells and development of preventive paraffin control methods] Issledovanie skazavashiny i razrabotka preventivnykh metodov bor'by s-parafinom. Kazan' 1957. 108 p. (Kazan. Universitet. Uchenye zapiski, vol. 117, no.3). (MIRA 11:5)

1. Rektor Kazanskogo gosudarstvennogo universiteta (for Nuzhin).
2. Prorektor po nauchnoy rabote Kazanskogo gosudarstvennogo universiteta (for Markov).
3. Prorektor po uchebnoy rabote Kazanskogo gosudarstvennogo universiteta (for Kashtanov).
4. Sekretar' part-koma Kazanskogo gosudarstvennogo universiteta (for Yudin).

(Oil wells) (Petroleum engineering)

LAVROV, M.I.; NUZHIN, M.T., prof., ctv.red.; MARKOV, M.V., prof., red.; DUBYAGO, A.D., prof., red.; ARBUZOV, A.Ye., akademik, red.; NORDEN, A.P., prof., red.; PIS'REV, V.I., prof., red.; TIKHVINSKAYA, Ye.I., prof., red.; FARYSHNIKOV, V.G., dotsent red.; KOLESNIKOVA, Ye. A., dotsent, red.; KOLOBOV, N.V., starshiy prepodavatel', red.; MOROZOV, D.G., dotsent, red.;

[Some statistical regularities of variable stars and their physical interpretation]. Nekotorye statisticheskie zakonomerr ti u zatmennykh peremennykh zvezd i ikh fizicheskoe istokovanie. Kazan', 1955. 63 p. (Kazan. Universitet. Astronomichekskaia observatoriia. Biulleten', no. 31) (MIRA 15:10)

1. Rektor Kazanskogo ordena Trudovogo Krasnogo Znameni gosudarstvennogo universiteta im. V.I.Ulyanova-Lenina (for Nuzhin). 2. Prorektor po nauchnoy rabote Kazanskogo ordena Trudovogo Krasnogo Znameni gosudarstvennogo universiteta im. V.I.Ulyanova-Lenina (for Markov).

NOSKOV, A.I., kand.veterin.nauk; KOLESNIKOVA, Ye.A., veterinarnyy vrach

Measures for the control of ringworm. Veterinariia 41 no.3:35-37
(MIRA 18:4)
Mr '65.

KOLESNIKOVA, Ye.A., veterinarnyy vrach

Measures for controlling paratyphoid fever in calves and young
pigs. Veterinariia 41 no.4:28-30 Ap '65.

(MIRA 18:6)

KOLESNIKOVA, Ye.I., Cand Chem Sci -- (diss) "Physico-chemical study of antimon¹⁴⁷ acids." Kazan', 1957, 24 pp with graphs (Kazan' State Univ im V.I. Ul'yanov-Lenin. Crimean State Ped Inst im M.V. Frunze. Chair of Chem) 120 copies. Bibliography at end of text (10 titles) (KL, 32-58, 106)

S/078/60/005/010/030/030/XX
B017/B067

AUTHORS: Danil'chenko, P. T., Kolesnikova, Ye. I., and Bulygin, L. A.

TITLE: The Active Phases and the Equilibrium in the System
 $AB \rightleftharpoons A_{\text{solid}} + B_{\text{vapor}}$

PERIODICAL: Zhurnal neorganicheskoy khimii, 1960, Vol. 5, No. 10,
pp. 2333-2341

TEXT: The equilibrium of colloid-disperse hydrates is not subject to the phase rule. Freshly produced colloid-disperse hydrates are unstable, amorphous substances with large specific surface; when aging, these substances become coarsely disperse-crystalline. The nature of phase transformations, the active and inactive phases, and the different forms of hydrates of colloidal hydrates can be determined by the method of polythermal dehydration and rehydration. The polythermal lines of dehydration indicate the change in the total water content (hydrate- and adsorption water). The content of chemically bound water in the preparations is measured for determining rehydration and, after cooling, the amount of newly adsorbed water is again determined by rehydration in boiling water. ✓

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The Active Phases and the Equilibrium in the
System $AB \rightleftharpoons A_{\text{solid}} + B_{\text{vapor}}$

S/078/60/005/010/030/030/XX
B017/B067

The amount of chemically bound water in the rehydrated products was determined by the method of the third component (Refs. 18-20). The rehydration diagrams show the temperature dependence of the content of chemically bound water in the rehydrated products. The rehydration diagrams are similar to the dehydration polythermal lines of crystal hydrates from which they differ only in that they give the composition of the rehydration products. The systems $\text{Sb}_2\text{O}_5 - \text{H}_2\text{O}$, $\text{Fe}_2\text{O}_3 - \text{H}_2\text{O}$, $\text{AlPO}_4 - \text{H}_2\text{O}$, $\text{FePO}_4 - \text{H}_2\text{O}$, and $\text{Al}_2\text{O}_3 - \text{SiO}_2 - \text{H}_2\text{O}$ were studied with respect to their dehydration and rehydration. The dehydration and rehydration diagrams are graphically shown in Figs. 2-6. Tables 1, 2, 3, 4, and 5 give the composition of the active phases and of the rehydration products, as well as the temperature limit for the stability of hydrates. Papers by Ye. I. Kolesnikova, V. F. Kovtun, P. S. Meleshko, T. D. Markina, N. L. Strelets, L. A. Bulygin, et al., were used for the present investigation. There are 6 figures, 5 tables, and 30 references: 19 Soviet.

SUBMITTED: April 8, 1957

Card 2/2

KOLESNIKOVA, Ye.I. [Kolesnikava, E.I.]

Refractometric study of reactions between magnesium salts and
compounds containing boron. Vestsi AN BSSR. Ser. fiz.-tekhn.
nav. no.3:84-89 '61. (MIRA 14:10)

(Refractometry)

(Magnesium salts)

(Boron)

KOLESNIKOVA, Ye.I.

Refractometry in solutions of ammonia and ammonium chloride with sodium carbonate and bicarbonate. Zhur.neorg.khim. 8 no.5:1239-1248 My '63. (MIRA 16:5)

1. Vitebskiy gosudarstvennyy pedagogicheskiy institut imeni S.M.Kirova.
(Systems (Chemistry)) (Refractometry)

YEL'TSOV, A.I.; NEYLAND, E.A.; KOLESNIKOVA, Ye.N.

Treatment of children with diabetes mellitus at the Yessentuki "Lunost!" sanatorium. Vop. okh. mat. i det. 6 no.8:26-28 Ag '61. (MIRA 15:1)

1. Iz Yessentukskogo detskogo sanatoriya "Yunost'" (glavnnyy vrach A.I.Yel'tsov) Severo-Kavkazskogo zonal'nogo upravleniya spetsiali - zirovannykh sanatoriyev Ministerstva zdravookhraneniya RSFSR (zach. G.I.Kazachok).

(YESSENTUKI DIABETES)

SHERMAN, R.Z.; SHEVYAKOVA, O.I.; TATARINOVA, S.D.; SHUMOVA, B.I.;
GOL'TSEKER, A.I.; KOLESNIKOVA, Yu.S.

Bacteriophage and tetracycline in the prevention of dysentery
among contact children. Antibiotiki 10 no. 10:948-952
O. '65.

(MIRA 18:12)

1. Kafedra mikrobiologii (zav. - deystvitel'nyy chlen AMN SSSR
prof. Z.V. Yermol'yeva) TSentral'nogo instituta usovershenstvo-
vaniya vrachey i Sanitarno-epidemiologicheskoy stantsii (glavnyy
vrach I.F. Krasavin) Kiyevskogo rayona, Moskva. Submitted
Dec. 13, 1963.

KOLESNIKOVA, Yu. S.

COUNTRY : USSR

CATEGORY : Microbiology

ABS. JOUR. : Ref "Khur-Biologiya, No.4, 1959,

No. 14812

AUTHOR

: Shevyakova, O.I.; Kolesnikova, Yu.S.

INST.

: Chair Microbiol., Cent. Inst. Advanced Training Physicians.

TITLE

: Influence of Combination of Antibiotics of
Tetracycline Series and Bacteriophage on
Dysentery Bacteria.

URG. PUB. : Antibiotiki, 1958, 3, No.1, 96-98

ABSTRACT

: The effectiveness of a combination of tetracycline and bacteriophage was established in respect to dysentery bacteria both in vitro experiments and with the inoculation of mice. Cultures, which were resistant to one agent, retained sensitivity to the other.
-- V.G. Petrovskaya

CARD:

1/1

SHEVYAKOVA, O.I., KOLESNIKOVA

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2"

Change in the sensitivity to antibiotics in dysentery bacteria
under the influence of bacteriophage. Antibiotiki 8 no. 11:
1021-1026 N '63.

(MIRA 17:9)

1. Kafedra mikrobiologii (zav. - chlen-korrespondent AMN SSSR
prof. Z.V.Yermol'yeva)

KIREYEVA, K.I.; KHLYSTOVA, Z.K.; SHARPOVA, T.A.; POLTAVSKAYA, N.K.; KOLESNIKOVA,
Z.K.; MARTEM'YANOVA, P.M.; GATILOVA, A.S.; ZHERIEVA, T.A.

Observations on the epidemiology of dysentery in Vladivostok. Zhur.
mikrobiologii, epidemiologii i sanitarno-epidemiologicheskoy stantsii. 29 no. 10:49-52 o '58. MIRA 11:12)

1. Iz Vladivostotskogo instituta epidemiologii, mikrobiologii i gigiyeny
i gorodskoy sanitarno-epidemiologicheskoy stantsii.
(DISENTERY, BACILLARY, epidemiology,
in Russia (Rus))

KOLESNIKOVA, Z. M.

KOLESNIKOVA, Z. M.- "Melioration of Cotton Plant During Irrigation in the Droughty Zone of the Foothill Portion of the Groznenskaya Oblast." Min of Higher Education USSR, North-Ossetian Agricultural Inst, Ordzhonikidze, 1955 (Dissertations for Degree of Candidate of Agricultural Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2

LEONATA, S.I., starshaya meditsinskaya sestra; KOLESNIKOVA, Z.P.,
starshaya meditsinskaya sestra; DAVIDOV, S.Yu.; KORMILITSYNA,
Ye.I., meditsinskaya sestra

Nurses councils. Med.sestra 19 no.4:46-48 Ap '60.

1. Dow rebenka No.15 Baymanskogo rayona Moskvy (for Leonskaya). (MIRA 13:6)
2. Iz Alchevskoy gorodskoy bol'nitsy, Luganskaya oblast' (for Kolesnikova).
3. Iz Shakhrisabeskoy gorodskoy os"yedinennoy bol'nitsy (for Davydov).
4. 1-ya gorodskaya bol'nitsa g. Vladimira (oblastnoy) (for Kormilitsyna).

(NURSES AND NURSING)

24,4200

41599

S/021/62/000/009/006/008
D234/D308

AUTHOR:

Kolesnyk, I.A.

TITLE:

The operational method applied to transverse vibrations
of a rod in presence of resistancePERIODICAL: Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 9,
1962, 1180 - 1184

TEXT: The differential equation for the above vibrations is

$$k^2 \frac{d^4 u}{dx^4} + 2h \frac{du}{dt} + \frac{d^2 u}{dt^2} = \frac{P(x, t)}{\rho S} \quad (1)$$

where u is the displacement, $k^2 = EI/\rho S$, h is the coefficient of external resistance and P is the external load per unit of length. The initial displacement and initial velocity are denoted by $f(x)$ and $g(x)$ respectively. Applying the Laplace transformation

Card 1/4

$$\bar{u}(p) = \int_0^\infty e^{-pt} u(t) dt \quad (2)$$

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The operational method applied ...

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D234/D308

one obtains

$$\frac{d^4 \bar{u}}{dx^4} - q^4 \bar{u} = \varphi(x) \quad (3)$$

where

$$q^4 = -\frac{2hp + p^2}{k^2} \quad (4)$$

and $\varphi(x) = \frac{\bar{P}(x, p)}{EI} + \frac{1}{k^2} [(p + 2h) f(x) + g(x)]. \quad (5)$

A general expression is derived for \bar{u} in the case of hinged ends of the rod. The solution for u is obtained from the theorem of inversion by means of the method of residues in three particular cases, i.e. the case of vibrations produced by an instantaneous impulse, those produced by a suddenly applied force and those produced by a periodic force. In the first case a small part of the rod (of a length ξ) near a point x receives a velocity v at $t = 0$, and then $\varphi(x) = v/k^2$ on the above part and $\varphi(x) = 0$ elsewhere. The solution is

Card 2/4

The operational method applied ...

S/021/62/000/009/006/008
D234/D308

Engineering), Fizmatgiz 1959).

ASSOCIATION: Dnipropetrov's'kyy metalurhiyny instytut (Dnepropetrovsk
Institute of Metallurgy)

PRESENTED: by Academician F.P. Bylyankin, AS UkrSSR

SUBMITTED: December 16, 1961

Card 4/4

Kolesov

RUMANIA / Microbiology. Medical and Veterinary Microbiology. F-5

Abs Jour: Referat Zh.-Biol., No 6, 25 March, 1957, 22065

Author : Kolesov

Inst :

Title : Contemporary Methods of Active Anthrax Prophylaxis.

Orig Pub: An. Rom.-Sov. Ser. zootehn. med. veterin., 1956, 10, No 2,
70-82.

Abstract: No abstract.

-54-

Card : 1/1

KOLESOV, A., polkovnik

From Nal'chik to the Black Sea. Voen. vest. 42 no.6:67-68
(MIRA 15:6)
Je '62.
(Kabardino-Balkar A.S.S.R.—Tourism)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2

KOLESOV, A.A.

Settling during the thawing of permanently frozen alluvial loess of
the Vorga-Sher coal deposit. Trudy SOIM no.2:73-81 '62. (MIRA 17:1)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2"

KOLESOV, A.A., aspirant

Case of degeneration of mandibular adamantinoma into a malignant tumor. Stomatologija no.4:41-43 J1-Ag '54. (MIRA 7:9)

1. Iz kafedry khirurgicheskoy stomatologii (zav. prof. A.I.Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. dotaent G.N.Beletskiy)
(MANDIBLE, neoplasms,
dentigerous cyst, malignization)

KOLESOV, A.A.

KOLESOV, A.A.

Teeth conditions in late hypochromic anemia. Stomatologija no.6:
10-12 N-D '54.

(MLRA 8:1)

1. Iz kafedry khirurgicheskoy stomatologii (zav.-prof. A.I. Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. dotaent G.N.Beletekiy) i hematologicheskoy kliniki (zav.-prof. M.S.Dul'tsin) TSentral'nogo ordena Lenina instituta hematologii i perelivaniya krovi (dir.-prof. A.A.Bagdasarov)
(ANEMIA, HYPOCHROMIC, manifestations
teeth)
(TEETH, in various diseases
anemia, hypochromic)

KOLESOV, A. A.

Kolesov, A. A. -- "Materials for the Question of the State of the Mineral Metabolism in the Presence of Salivary-Tartar Disease and Dental Tartar." Min Public Health RSFSR, Moscow, Moscow Medical Stomatological Inst, Moscow, 1955 (Dissertation for Degree of Doctor of Medical Sciences.)

SO: Knizhnaya Letopis', No. 23, Moscow, Jun 55, pp 87-104

KOLESOV, A.A.,kandidat meditsinskikh nauk

Changes in the teeth in some diseases of the internal organs.
Stomatologiya 35 no.5:15-16 S-0 '56 (MLBA 10:4)

1. Iz kafedry khirurgicheskoy stomatologii (zav.-prof. A.I. Yevdekinov)
Moskovskogo meditsinskogo stomatologicheskogo instituta (dir.-dotsent
G.N. Beletskiy)
(VISCERA--DISEASES) (TEETH--DISEASES)

Kolesov A.A.
EXCERPTA MEDICA Sec.11 vol.11/2 Oto-rhino-lar. Feb 53

250. THE DEVELOPMENT OF SALIVARY STONES (Russian text). Kolesov A.
A. STOMATOLOGIA 1957, 3 (40-43) Tables 1 Illus. 4

Investigations of calcium, inorganic phosphate and magnesium were carried out in the blood serum and saliva of patients with tartar and salivary calculi. Marked increase of the calcium and phosphate contents of these serum and saliva samples in comparison with the control examinations was found. On the other hand, the magnesium contents were accordingly lower. These results speak in favour of the theory that stone formation is the expression of the mineral metabolic disturbances of the organism. The second part of this paper deals with a study of the structure of the dental and salivary stones, with the use of petrographic methods (examination of transparent slices of stones in polarized light). Three main types of structure of stones can be thus discerned: (1) crystallo-granular, (2) concentric, shell-like and (3) amorphous. The structure of a stone depends on the percentage of its mineral and amorphous components.

Szpunar - Cracow

KOLESOV, A.A., assistant

Osteoid osteoma of the lower jaw. Stomatologija 37 no.6:35-36
N-D '58 (MIRA 11:12)

1. Iz kafedry khirurgicheskoy stomatologii (sav. - prof. A.I. Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir. - dota. G.N. Beletskiy).
(JAWS--TUMORS)

KOLESOV, A.A., kand. med. nauk.

Giant cell tumor osteoblastolastoma of the jaw bone. Stomatologiya
38 no.1:15-19 Ja-F '59. (MIRA 12:3)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - prof. A.I.
Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta
(dir. - dots. G. N. Beletskiy)
(JAWS--TUMORS)

MIGUNOV, B.I., prof.; KOLESOV, A.A., kand.med.nauk

Some clinical and morphological data on eosinophilic granuloma of
the jaws. Stomatologija 38 no.6:47-54 N-D '59. (MIRA 13:4)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - prof. A.I. Yevdokimov) i kafedry patologicheskoy anatomii (zav. - prof. B.I. Migunov) Moskovskogo meditsinskogo stomatologicheskogo instituta (direktor - dotsent G.N. Beletskiy).

(JAWS--TUMORS)

MIGUNOV, B.I., prof., KOLESOV, A.A., kand.med.nauk

Fibrous dysplasia of the jaws. Stomatologija 40 no.1:39-45 Ja-F
'61. (MIRA 14:5)

1. Iz kafedry patologicheskoy anatomi (zav. - prof. B.I.Migunov)
i kafedry khirurgicheskoy stomatologii (zav. - prof. A.I.Yevdokimov)
Moskovskogo meditsinskogo stomatologicheskogo instituta (direktor -
dotsent G.N.Belatskiy).

(JAWS—DISEASES)

KOLESOV, A.I.

Operating wood rosin digesters. Gidroliz. i lesokhim. prom. 17 no.3:
26-27 '64. (MIRA 17:9)

1. Gor'kovskiy kanifol'no-terpentinnyy zavod.

KOLESOV, A.I.

Bulk storage of resins. Gidroliz. i lesokhim. prom. 14
no. 6:29 '61. (MIRA 14:9)

1. Gor'kovskiy kanifol'no terpentinnyy zavod.
(Gorkiy—Gums and resins)

KOLESOV, A.I.

Experience in bulk storage of oleoresins. Gidroliz. i lesokhim.prom.
16 no.8:26-27 '63. (MIRA 17:1)

1. Gor'kovskiy kanifol'no-terpentinnyy zavod.

KOLESOV, A.I.

Mechanization of loading and unloading operations. Gidroliz. i
lesokhim. prom. 17 no.7:30-31 '64.

(MIRA 17:11)

1. Gor'kovskiy kanifol'no-terpentinnyy zavod.

L 17876-56 KWT(1) TIP(a) MM/10
ACC NR: AF6006899

SOURCE CODE: UR/0043/65/000/001/0160/0165

ATTN F. Kolesov, A. K.

ORG: none

21 44.5
TITLE: Light dispersion in a semi-infinite medium illuminated by a narrow beam of radiation

SOURCE: Leningrad. Universitet, Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 1, 1966, 160-165

TOPIC TAGS: radiation transfer, semiinfinite medium, diffuse radiation, radiation equilibrium, spherical indicatrix

ABSTRACT: The problem of radiation transfer in a water basin is discussed theoretically, considering the basin as a semi-infinite medium. The upper limit of the basin receives either specular or isotropic radiation from within. This radiation passes through the upper limit in the form of parallel rays at right angles. Formulas were developed for determining the radiation transfer, the diffuse radiation scattered in the medium, the direct external radiation given off by the medium, the radiation equilibrium, and the reflected radiation in the form of both specular and isotropic reflection. Formulas were transformed and simplified, and the system obtained was solved by the Eddington method. An average intensity of the radiation transfer was obtained using a spherical indicatrix of dispersion. Orig. art. has: 37 formulas.

Card 1/2

UDC: 523.035

[EG]

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2

L 17876-66

ACC NR: AP6006899

SUB CODE: 20 SUBM DATE: 11Dec64/ ORIG REF: 003/ ATD PRESS: 4208

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2"

24(4)

AUTHOR:

Nolesov, A.K.

SOV/43-59-1-10/17

TITLE:

Light Conditions Near a Terminator (Svetovoy rezhim vblizi
terminatora)PERIODICAL: Vestnik Leningradskogo universiteta, Seriya matematiki,
mekhaniki i astronomii, 1959, Nr 1(1), pp 103-110 (USSR)

ABSTRACT: The author considers a plane parallel homogeneous plate which is bounded from below by an orthotropic reflecting plane $\tau' = \tau_0$ and from above by the plane $\tau = 0$, where τ is the optical thickness. Upon half the upper plate ($t > 0$) there falls vertical parallel light (I_0), while the second half of the plate ($t < 0$) remains unilluminated. Let t be the optical distance of the terminator. Let pure light scattering take place. The direction of the diffused radiation is described by the angles ζ and φ (ζ - the angle between τ -axis and light, φ - azimuth of the considered direction). Let $I(\tau, t, \zeta, \varphi)$ be the intensity of the diffused radiation. According to the method of Eddington the following result is obtained by averaging the intensity: Let $J(\tau, t) = \int I d\omega$,

Card 1/5

Light Conditions Near a Terminator

SOV/43-59-1-10/17

$$u(\tilde{\tau}) = 5I_o - 3I_o e^{-\tilde{\tau}} - I_o \frac{5-(3-2c)e^{-\tilde{\tau}_o-b}}{3\tilde{\tau}_o + 2(c+1)} (3\tilde{\tau} + 2),$$

$$c = \frac{1+A}{1-A}, \quad b = \frac{4A}{1-A} e^{-\tilde{\tau}_o}, \quad A \text{ the surface albedo}, \quad A_k(\tilde{\tau}) =$$

$$= \frac{2}{3} \mu_k \cos \mu_k \tilde{\tau} + \sin \mu_k \tilde{\tau}, \quad \mu_k \text{ roots of the transcendental}$$

$$\text{equation } \frac{12 c \mu}{4c \mu^2 - g} = \tan \mu \tilde{\tau}_o. \text{ Then it is}$$

$$J(\tilde{\tau}, t) = u(\tilde{\tau}) - \frac{1}{2} \sum_{k=1}^{\infty} \frac{(u, A_k)}{(A_k, A_k)} e^{-\mu_k t} A_k(\tilde{\tau}) \quad \text{for } t > 0$$

Card 2/3

Light Conditions Near a Terminator

SOV/43-59-1-10/17

$$J(\tau', t) = \frac{1}{2} \sum_{k=1}^{\infty} \frac{(u, A_k)}{(A_k, A_k)} e^{\mu_k t} A_k(\tau') \quad \text{for } t < 0.$$

Similar formulas are given for the case $\tilde{\tau}_0 = \infty$.

The author mentions V.V. Sobolev.

There are 3 figures, and 2 tables.

Card 3/3

ARAKELYAN, M.A.; ZVONAREVA, M.L.; KOLESOV, A.K.

Calculating the Rosseland mean value for the atmospheres of
hot stars. Uch. Zap. LGU no.323:37-44 '64. (MIRA 17:12)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2

KOLESOV, A.K.; NAGIRNER, D.I.

Point source in a semi-infinite medium bounded by a reflecting
surface. Vest. LGU 19 no.13:125-132 '64 (MIRA 17:8)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000723820007-2"

KOLESOV, A.K.

Continuous spectra of helium white dwarfs. Astron. zhur. 41
no.3:485-493 My-Je '64. (MIRA 17:6)

1. Leningradskiy gosudarstvenny universitet.

KOLESOV, A.K.

Continuous spectra of hot stars. Astron. zhur. 39 no.1:35.
40 Ja-F '62. (MIRA 15:2)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova,
(Stars—Spectra)

KOLESOV, A.K.

Continuous spectra of white dwarfs. Astron.zhur. 41 no.2:240-250
Mr-Ap '64.
(MIRA 17:4)

1. Leningradskiy gosudarstvennyy universitet im. A.I.Zhdanova,

astronomy, white dwarf, astrophysics, stellar radiation, stellar structure, spectroscopy, white dwarf temperature

ABSTRACT: The same methods employed for main sequence stars have generally been used for determining the surface temperature of the white dwarfs. This is interfered with, however, by the peculiarities of the white dwarf spectra caused by their high atmospheric densities and possibly by variations in their chemical composition. As noted by Greenstein, the white dwarf spectra may be divided into two classes: the DA stars in which there are hydrogen lines but no helium lines, and the DB and DC stars in which there are only helium lines. In the present paper, the author calculates the energy distribution and theoretical spectra for models of pure hydrogen and pure helium atmospheres, ignoring the effect of absorption.

REF ID: A4018874

large masses, this can be taken as an index of surface temperature. The values for U-V for 20 white dwarfs were therefore compared with the theoretical values of U-V in order to set up a scale of surface temperature. The results for these white dwarfs show the highest surface temperatures in the (around 30,000°C), the lowest temperatures in the DB stars (10,000-15,000°C), and range of temperatures in the DA stars (12,000-20,000°C). A comparison of results with those of Greenstein, calculated on the basis of the same

23 Aug 63

NO REF Sov: 002

ENCL: GO

OTHER: 006

KOLESOV, A. M.

Major, Veterinary Corps

"Infectious Stomatitis of Horses"

Page 45

(from table of contents for "Equine Diseases", a book compiled by A. Yu. Bzanzburg and A. Ya. Shapiro, under the editorship of A. M. Laktionova, State Press for Agricultural Literature. This book is a collection of works on epizootiology, surgery, therapy, and laboratory and clinical practice in the treatment of equine diseases. These works, in the majority of cases, were previously published in the journal Veterinariva or in one of the manuals issued by the Veterinary Administration of the Armed Forces USSR)

SOURCE: Bolezni Loshadey, Sbornik Rabot, Ogiz-Sel'khozgiz

1947

KOLESOV, A. M. and V. G. Bushkov

"Treatment of Traumatic Arthritis of Horses"

Page 122

(from table of contents for "Equine Diseases", a book compiled by A. Yu. Branzburg and A. Ya. Shapiro, under the editorship of A. M. Laktionova, State Press for Agricultural Literature. This book is a collection of works on epizootiology, surgery, therapy, and laboratory and clinical practice in the treatment of equine diseases. These works, in the majority of cases, were previously published in the journal Veterinariya or in one of the manuals issued by the Veterinary Administration of the Armed Forces USSR)

SOURCE: Bolezni Loshadey, Sbornik Rabot, Ogiz-Sel'khozgiz, 1947

KOLESOV, A. M.: (Lecturer, Candidate of Veterinary Sciences)

Blood picture in cats experimentally infected with the viruses of equine
infectious encephalomyelitis.

SO: Collection of Scientific Works, Leningrad Inst. for Advancement of Veterinarians, Ministry of Agriculture USSR. State Agricultural Publishing House, 1950.

KOLESOV, A. M.: (Lecturer, Candidate of Veterinary Sciences)

Metastases in the area of the withers in horses in a general pyogenic infection.

SO: Collection of Scientific Works, Leningrad Inst. for Advancement of Veterinarians, Ministry of Agriculture USSR. State Agricultural Publishing House, 1950.

KOLESOV, A.M., redaktor

[Avitaminosis in farm animals and poultry] Avitaminozy sel'sko-khoziaistvennykh zhivotnykh i ptits. [Saratov] Saratovskoe kn-vo, 1953. 129 p.
(Deficiency diseases in domestic animals)

KUDIMOV, A.M.; GORBELIK R.V.; DEMENT'YEV, I.L.

Alimentary ketomuria in pregnant ewes. Veterinariia 33 no.10:68-71
O '56. (MIRA 9:10)

1. Saratovskiy zootekhnicheskovo-veterinarnyy institut.
(Sheep--Diseases) (Liver--Diseases)

KOLESOV, A. M., ZAMARIN, L. G., YEMEL'YANOV, A. N. and TARASOV, I. I.
(Professor, Assistant Professor and Candidates of Veterinary Sciences)

"Noninfectious pneumonia in sheep"

Veterinariya, Vol. 38, no. 10, October 1961, pp. 81-89

Kolesov - Professor

KOLESOV A. M. (Professor) and TARASOV I. I. and KOLESOVA N. I.
(Candidates of Veterinary Sciences, Saratov Zooveterinary Institute)

"Concerning the problem of dispepsia in calves."

Veterinariya, Vol. 38, No. 12, December 1961, P. 46.

KOLESOV, A.N.

Unit for determining the velocity vector of a faint meteor.
Izv. TPI 100:155-161 '62. (MIRA 18:9)

KOLESOV, A. P. I TENNENBAUM, E. L.

5543 Kolesov, A. P. i Tennenbaum, E. L. Opyt raboty tokarya-navatora zavoda imeni Z-y pyatiletki Aleksandra Kolesova. L., 1954 8 s. s. chert. 22 sm. (Vsesoyuz. O-VO po rasprostraneniyu polit. i nauch. znanii. Leningr. dom nauch.-tekhn. Propagandy. Listok novatora. No 33. (272). 3800 ekz. 15k. Avt. ukaazany V kontse teksta. (54-15862zh) 621.941st

SO: Knizhnaya Letopis', Vol. 1, 1955

Kolesov EXCERPTA MEDICA Sec 10 Vol. 11/2 Obstetrics Feb 58

285. HYPO- AND AVITAMINOSIS C IN THE AETIOLOGY OF STERILITY (Russian text). Kolesov A. P. SOVETSK MED. 1956, 8(78-79)

A correlation was traced between sterility and vit. C deficiency. Fourteen men and 24 women were under investigation. There were 8 women with primary sterility and 16 with secondary sterility. In all cases clinical signs of vit. C deficiency were observed. No anatomical or functional changes were found in the sexual organs. Vit. C content was determined after Efremov's method. Vit. C 300 mg. daily was administered in tablets, and preparations of ascorbic acid, 0.3-0.1 g. per day in rosehip syrup. With treatment, full saturation with vit. C was achieved and all clinical symptoms disappeared. Pregnancy followed in 14 women.

SIDOROV, Nikolay Yemel'yanovich; KORCHEMEN, A.M.; KOLESOV, A.P.

[Trichomoniasis of the urogenital organs in man] Trichomonias
mochepolovych organov cheloveka. Moskva, Medgiz, 1959. 154 p.
(MIRA 13:2)
(TRICHOMONIASIS) (GENITO-URINARY ORGANS--DISEASES)

KOLESOV, A.P.

Culture of Trichomonas vaginalis. Sovet.med. no.5:27 May 1951.
(CIML 20:9)

1. Astrakhan!.

KOLESOV, A.P.; ROMANOV, M.A., professor, direktor; GUDKOVA, A.M., glavnyy vrach.

Treatment of trichomonal colpitis with phytoncides of onion, garlic, and radish. Novosti med. no. 34:22-23 '53. (Mlta 6:9)

1. Akushersko-ginekologicheskaya klinika Astrakhanskogo gosudarstvennogo meditsinskogo instituta (for Romanov). 2. Tsentral'naya poliklinika im. prof. Pirogova (for Gudkova). (Phytoncides) (Vagina--Diseases)

A.P. KOLESOV, V.V. SAL'NIKOV

Jul 52

USSR/Chemistry - Benzene

"The Recovery of Benzene From Gas With a High Benzene Content,"

Zhur Prik Khim, Vol 25, No. 7, pp 785-790

In General, recovery of benzene from rich gas does not differ from normal benzene recovery, either in scale or in the final result. It offers no fundamental difficulties and can be accomplished both in filled scrubbers and plate scrubbers. The characteristics of recovery of benzene from rich gas are as follows: increase of the actual vol of gas admitted by approx 10% because of the high benzene content of the gas, necessity of taking into account a considerable heat of absorption released during recovery, and increase of the actual vol of oil, because of the high concn of absorbed benzene.

263 T 49

PRIVALOV, V.Ye.; KOLESOV, A.P.; SOKOLOV, V.Z.

Adsorption removal of carbon bisulfide in the manufacture of
high grade benzenes. Koka i khim. no.2:42-44 '62. (MIRA 15:3)

1. Vostochnyy uglekhimicheskiy institut.
(Benzene)

ACCESSION NR: AR4033712

S/0081/64/000/003/P011/P011

SOURCE: Referativnyy zhurnal. Khimiya, Abs. 3P75

AUTHOR: Kolesov, A. P.; Sokolov, V. Z.

TITLE: A comparative study of the hydropurification and sulfuric acid methods with additives for Eastern raw benzenes

CITED SOURCE: Nauchn. tr. Vost. n.-i. uglekhim. in-t, v. 16, no. 1, 1963, 166-190

TOPIC TAGS: hydropurification, sulfuric acid method, benzene purification, benzene additive, indene coumarone fraction, sterol fraction, isatin, pyrolysis tar

ABSTRACT: The flow chart and conditions of a technological process for the preparation of especially pure benzene (I) on the basis of the sulfuric acid method are described. The initial I is freed of thiophenic S by treatment with H_2SO_4 according to the method proposed by the authors, with the use of additives (indene-coumarone or sterol fractions, isatin and others). The best results were obtained with the addition of the 120-180°C or up to 120°C fraction of a pyrolysis tar according to the following conditions: the amount of acid and additive are 3-5% of the raw material weight, the acid concentration is 93.6% and the mixing duration is 5 min. The purification provides practically thiophene-free I. Purifica-

Card 1/2

ACCESSION NR: AR4033712

tion from CS₂ is achieved by refining with a zeolite or a solution of NaOH in CH₃OH. Detailed data from a technical-economical comparison of the proposed method with hydropurification are given, from which it is seen that hydropurification presents no advantages in any case while requiring 10-12 times greater capital expenditure than the sulfuric acid method.

DATE ACQ: 02Apr64

SUB CODE: CH

ENCL: 00

Card 2/2

TSIPEROVICH, Moisey Veniaminovich, otv. red.; GRYAZNOV, N.S.,
red.; KOLESOV, A.P., red.; PANCHENKO, S.I., red.;
~~FEL'DERIN, M.G.~~, red.; CHAPAYKINA, F.K., red.izd-va;
KOROL', V.P., tekhn. red.

[Coal preparation and coking] Podgotovka i koksovanie uglei;
sbornik statei. Sverdlovsk, Metallurgizdat. No.3. 1962.
415 p. (MIRA 16:12)

1. Sverdlovsk. Vostochnyy nauchno-issledovatel'skiy ugle-
khimicheskiy institut.

(Coal preparation) (Coke)

KOLESOV, A. P.

Summaries of papers presented at the XVI Congress of Surgeons of the USSR, Moscow, 20 - 27 January 1955, included:

Delayed Results of Surgical Treatment of Lung Cancer.

A. P. KOLESOV and B. V. KRASNOGOROV

SOURCE: 100-46013-A-46013 (Official Publication) Unclassified.

KOLKOV, A.P., kandidat meditsinskikh nauk (Leningrad, Fontanka, 4, kv. 388);
KRASHOROGOV, B.V., dotaent

Results of surgery in pulmonary cancer [with summary in English
p.159] Vest.khir. 77 no.7:77-82 J1 '56. (MLRA 9:10)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. -
prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii
im. S.M.Kirova.
(LUNG NEOPLASMS, surg.
statist.)

KOLESOV A.P.

KUPRIYANOV, P.A., prof. (Leningrad, D-14, ul. Ryleyeva, d.15, kv.6);
~~KOLESOV, A.P.~~ (Leningrad, D-187, nab. r.Fontanki, d.4, kv.388)

Methods and techniques of radical surgery in lung cancer [with
summary in English]. Vop.onk. 3 no.4:456-465 '57. (MIRA 10:11)

1. Iz Vojenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.
(PNEUMONECTOMY, in various diseases,
cancer, technic (Rus))

EXCERPTA MEDICA Sec.16 Vol.6/2 Cancer February 53
KOLESOV, A.P.

635. Early and late follow up of lung cancer patients treated operatively (Russian text)
Kolesov A. P. and Krasnorogov B. V. Milit. Med. Acad., Leningrad Vop. Onkol.
1957, 3/4 (473-476)

A total of 486 patients with lung carcinoma were treated during 1947-1956. Radical operation was possible only in one third of the cases. The mortality rate after radical operation for lung cancer remains still high - about 10%. This is explained by the increase of operability and the frequent use of major operations. Out of those radically operated upon 25% have been well for over 5 yr. after operation. The number of patients alive for over 5 yr. as compared with all those admitted amounts to 9%.

KOLESOV, A.P.

KOLESOV, A.P.; KUTUSHEV, F.Eh.; DAVYDOV, V.P.; YEGOROV, P.I.; ZERNOV, N.P.

Surgical treatment of bronchiectasis in children [with summary in English, p.160]. Vest.khir. no.5:86-94 Ky '57. (MLRA 10:?)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. - prof. P.A.Kupriyanov) i kliniki detskikh bolezney (nach. - prof. M.S. Maslov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova. Adres avtorov: Leningrad, 9, pr. K.Marksa, d.7/8, khirurgicheskaya klinika usovershenstvovaniya vrachey.

(BRONCHIECTASIS, in inf. and child
surg.)

Kolesov A.P.

KUFRIYANOV, P.A., prof. (Leningrad, ul. Ryleyeva, d.15, kv.6); KOLESOV,
A.P., doktor med.nauk

Some problems in lung surgery. Vest.khir. 79 no.9:120-127 S '57.
(MIRA 10:11)

1. Iz kliniki usoverashenstvovaniya vrachey (nach. - prof. P.A.
Kupriyanov) Vojennno-meditsinskoy ordena Lenina akademii im. S.M.
Kirova.

(LUNGS, surg.
statist. & techniques)

KOLESOV, A.P., doktor med.nauk (Leningrad, D-187, nab. Fontanki, d.4, kv.388);
KUTUZHEV, F.Eh., kand.med.nauk

Double aortic arch. Vest.khir. 81 no.7:123-130 J1 '58 (MIRA 11:8)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach.-prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(AORTA, abnorm.
double aortic arch, surg. (Rus))

KOLESOV, A.P., doktor med. nauk (Leningrad, D-187, nab. Fontenki, 4, kv.388)

Rupture of the bronchi [with summary in English]. Vest.khir. 82
no.1:47-55 Ja '59. (MIHA 12:2)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. -
prof. Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii imeni
S.M. Kirova.

(BRONCHI, rupt.

in closed thoracic inj., review (Rus))

(THORAX, wds. & inj.

closed, causing rupt. of bronchi, review (Rus)

KOLESOV, A.P., doktor med.nauk (Leningrad, D-187, Fontanka, d.4, kv.388)

Surgical treatment of bilateral bronchiectasis. Vest.khir. 83
no.9:30-38 S '59. (MIRA 13:2)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nachal'-
nik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Leniusa akademii im. S.M. Kirova.
(BRONCHIECTASIS, surgery)

AVIDON, D.B., kand.med.nauk; BAIROV, G.A., kand.med.nauk; BUTIKOVA, N.I., dotsent, kand.med.nauk; BOIKOV, G.A., kand.med.nauk; VERESHCHAGINA, L.N., kand.med.nauk; GONCHAROVA, M.N., prof., doktor med.nauk; ZHOLOBOV, L.K., vrach; ZEMSKAYA, A.G., kand.med.nauk; KAYSAR'YANTS, G.A., dotsent, kand.med.nauk; KOLESOV, A.P., doktor med.nauk; KONDRAT'YEV, A.P., kand.med.nauk; KORCHANOV, G.I., kand.med.nauk; KUTUSHEV, F.Kh., kand.med.nauk; LEVINA, O.Ya., kand.med.nauk; LYANDRES, Z.A., prof., doktor med.nauk; MOROZOVA, T.I., kand.med.nauk; MIRZOYEVA, I.I., kand.med.nauk; PANUSHKIN, V.S., kand.med.nauk; RASTORGUYEV, A.V., vrach; RUDAKOVA, T.A., kand.med.nauk; SAVITSKAYA, Ye.V., kand.med.nauk; SVISTUNOV, N.I., vrach; CHISTOVICH, G.V., kand.med.nauk; YAKOVLEVA, T.S., vrach; MARGORIN, Yevgeniy Mikhaylovich, prof., red.; DOLETSKIY, S.Ya., red.; VERESHCHAGINA, L.N., red.; HULEVA, M.S., tekhn.red.

[Operative surgery on children] Operativnaia khirurgiia detskogo vozrasta. Leningrad, Gos.izd-vo med.lit-ry Medgiz, Leningr. otd-nie, 1960. 475 p. (MIRA 13:12)

(CHILDREN--SURGERY)

KOLESOV, A.P.; KUTUSHEV, F.Kh.; CHUKHLOVINA, M.G.

Intrathoracic cysts in children. Vest. khir. 85 no. 8:42-51 Ag '60.
(MIRA 14:1)

(CHEST--TUMORS) (CYSTS)

KOLESOV, A.P., doktor med.nauk

Surgery in cardiac aneurysm. Vest.khir. 85 no.9:21-24 S '60.
(MIRA 13:11)
1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach. -
prof. P.A. Kupriyanov) Vojenno-meditsinskoy ordena Lenina akademii
im. S.M. Kirova.
(ANEURYSSES) (HEART-SURGERY)

ANICHKOV, M.N., dots.; ANTELAVA, N.V., prof.; BISENKOV, N.P., kand. med. nauk; BOGUSH, L.K., prof.; GRIGOR'YEV, M.S., prof.; DYSKIN, Ye.A., kand. med. nauk; KEVESH, Ye.L., prof.; KOLESOV, A.P.; KOLESOV, V.I., prof.; KUPRIYANOV, P.A., prof.; LINBERG, B.E., prof.; MAKSIMENKOV, A.N., prof.; OSIFOV, B.K., prof.; SAVITSKIY, A.I., prof.; UVAROV, B.S.; UGLOV, F.G., prof.; KHULDIN, S.A., prof.; PETROVSKIY, B.V., prof., otv. red.; BAKULEV, A.N., akademik, red.; GULAYEV, A.V., prof., red.; YEGOROV, B.G., prof., red.; PANKRAT'YEV, B.Ye., prof., red.; PYTEL', A.Ya., prof., red.; RIKHTER, G.A., prof., red.; FILATOV, A.N., prof., red.; CHAKLIN, V.D., prof., red.; RYBUSHKIN, I.N., doktor med. nauk, red.; RULEVA, M.S., tekhn. red.

[Multivolume manual on surgery] Mnogotomnoe rukovodstvo po khirurgii. Moskva, Medgiz. Vol.5. [Chest surgery; thoracic wall, pleura, and lungs] Khirurgiia grudi; grudnaia stenka, plerva i legkie. 1960. 727 p. (MIRA 15:3)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Antelava, Bogush, Maksimenkov, Savitskiy, Kholdin, Chaklin).
2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Kupriyanov, Petrovskiy, Yegorov).
(CHEST—SURGERY)

KOLESOV, A.P. (Leningrad, D-187, ul.Fontanka, d.4, kv.388);YASNYY, Ya.L.

Some reasons for and characteristics of repeated resections of
the lungs for chronic abscesses and bronchoectasy. Grud.khir. 2
no.2:53-60 Mr-Ap'60. (MIRA 16:7)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey no.1
(nachal'nik prof. A.P.Kurova).
(LUNGS—ABSCESS) (BRONCHI—DILATATION)
(LUNGS—SURGERY)

KOLESOV, A.P.; GADZHIYEV, S.A.

Resection of 13 1/2 pulmonary segments in one operation for
bilateral bronchiectasis. Grud. khir. 2 no.3:47-48 My-Je '60.
(MIRA 15:3)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey
(nach.-prof. P.A. Kupriyanov) Voyenno-meditsinskoy ordena Lenina
akademii imeni Kirova. Adres avtorov: Leningrad, prospekt Karla
Marksa, d.7/8, Khirurgicheskaya klinika TSentral'nogo instituta
usovershenstvovaniya vrachey.

(LUNGS--SURGERY)
(BRONCHI--DILATATION)

KUPIRYANOV, P.A.; KOLESOV, A.P., prof.; KUTUSHEV, F.Kh., doktor med.nauk;
BURMISTROV, M.I., kand.med.nauk; MISHURA, V.I., kand.med.nauk.

Surgical treatment of congenital heart defects. Vop. okh. naq.
i det. 6 no.12:11-17 D '61. (MIRA 15:3)

1. Iz kliniki khirurgii dlya usovershenstvovaniya vrachey
(nachal'nik - prof. P.A. Kupriyanov) Voyenno-meditsinskoy
ordena Leningra akademii imeni S.M. Kirova. 2. Deyutvitel'nyy
chlen AMN SSSR (for Kupriyanov).
(HEART—SURGERY)

IZBINSKIY, A.L. (Leningrad, D-25, ul. Marata, 10, kv.6); KOLESOV, A.P.
Leningrad, K-9, Lesnoy pr., 4, kv.78)

Intrathoracic lipomas. Vop.onk. 8 no.6:21-28 '62.

(MIRA 15:11)

I. Iz khirurgicheskoy kliniki dlya usovershenstvovaniya vrachey
No.1 (nach. - deystv. chlen AMN SSSR, prof. P.A. Kupriyanov)
Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(CHEST--TUMORS)

KOLESOV, A. P., professor; IZBINSKIY, A. L., dotsent

Parasternal lipomas. Vest. khir. no.4:3-8 '62. (MIRA 15:4)

1. Iz 1-y khirurgicheskoy kliniki usovershenstvovaniya vrachey
(nach. - prof. P. A. Kupriyanov) Voyenno-meditsinskoy ordena
Lenina akademii im. S. M. Kirova.

(STERNUM—TUMORS)

Sheesthead, Y. A.
KOHESOV, A.P.

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PHASE I BOOK EXPLOITATION

SOV/6181

Ural'skoye soveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960.
Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip
inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR.
Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNTO.

Eds. (Title page): G. P. Skornyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skornyakov; Ed. of Publishing House: M. I. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

Materials of the Third Ural Conference (Cont.)

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PART II

- Vasilevskiy, K. P., and B. S. Neporent. Absorption of infrared radiation by water vapor in mixtures with foreign gases 145
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